

MasterShield® WP 680

Flexible Waterproofing Membrane for Wet Rooms and Pools

Material Description

MasterShield® WP 680 is a flexible waterproofing membrane used for waterproofing vertical and horizontal direction under tiles in wet rooms and pools.

Areas of Application

- Bathrooms
- Wet rooms
- Kitchens
- Laundries
- Spas
- Showers

Characteristics and Benefits

- Watertightness
- Water vapour tightness
- Flexible
- Crack bridging capability
- Easy to apply
- Suitable for heated floors

Processing Method

(A) Preparation of Substrate

Application surface must be sound, dry, dustless, clean, and also in balance. Surface must be free of all kind of bond breaking residues such as oil, grease,

rust, and paraffin. Irregularities on the substrate must be repaired with **MasterJoint® 591/ 596** or **MasterCrete® S 88C**.

(B) Processing

Cut **MasterShield® WP 680** cut required size. Lay MasterShield® WP 680 onto a fresh layer of FMörtel® S1 tile adhesive. Apply pressure over the membrane with a plastic plastering trowel avoiding air bubbles under the membrane. It is recommended to smooth the membrane outwards from the middle of the membrane to the edges. Suitable width of overlaps must be a minimum of 50 mm.

Point to Consider

- **MasterShield® WP 680** must be placed on the wet coating. If the coating is fully cured, apply another coat and place in the wet coating as described.
- Do not use sharp tools for application
- **MasterShield® WP 680** must be covered completely with waterproofing coating.
- Please check the application instructions of the waterproofing coating used for bedding the joint tape.

Packaging

30 m rolls

Technical Properties	
Structure of the Material	Thermoplastic Elastomer (TPE)
Color	Grey
Total Width	1000 mm
Thickness	0,50 mm
Total Weight	200 g/m ² (±20 g/m ²)
Fire classification	B2
UV resistance	≥ 450 h
Water Pressure Resistance	> 1,5 bars
Service Temperatures	Between Min. -30°C- Max. 90°C

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Storage

Must be stored in closed package in a cool and dry warehouse protected from freezing and direct sunlight.

Shelf Life

24 months from production date.

Health and Safety

It is dangerous to approach the application sites. During the application, a protective apparel, protective gloves, goggles and masks which comply with the Occupational Health and Safety Rules should be used. Due to the irritation effect of the uncured materials, the mixture should not come into contact with skin and eyes; in case of a contact, the affected area should be washed with plenty of water and soap; in case of swallowing, a physician should be consulted immediately. No food or beverages should be brought to the application area. The product should be stored and kept out of reach of children. For detailed information please consult the Material Safety Data Sheet.

Disclaimer

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